

ABSTRACT OF THE DISCLOSURE

The multi-speed transmission comprises one input shaft and one output shaft located in one housing, three one-spider planetary gear sets, seven rotatable shafts as well as six shifting elements, the selective engagement of which implements seven forward gears and one reverse gear. The input drive results by one shaft connected with the sun gear of the first planetary gear set, the output drive results via one shaft connected with the spider of the third planetary gear set, one shaft is permanently connected with the sun gear of the third planetary gear, one shaft is connected with the ring gear of the first planetary gear set and the ring gear of the second planetary gear set, one shaft is connected with one element of the second planetary gear set and the ring gear of the third planetary gear set, one shaft is permanently connected with one other element of the second planetary gear set, one shaft is connected with the spider of the first planetary gear set.